

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/059176 A1**

(51) International Patent Classification<sup>7</sup>: C12Q 1/68

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(21) International Application Number:  
PCT/IB2004/004413

(22) International Filing Date:  
15 December 2004 (15.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03293159.4 15 December 2003 (15.12.2003) EP  
10/734,622 15 December 2003 (15.12.2003) US

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(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: REPERTOIRE DETERMINATION OF A LYMPHOCYTE B POPULATION

(57) Abstract: The present invention provides a process for determining the quantitative and qualitative profile of the repertoire of a given type of an immunoglobulin (Ig) heavy chain expressed by a lymphocyte B population present in a tissue sample, and kits and uses thereof. It also provides a set of VH forward primers associated with a CH reverse primer, which are respectively capable of specifically hybridizing in stringent conditions with the nucleic acids encoding the variable segments of Ig heavy chains and with the constant segment of a given type of Ig heavy chain, such as preferably IgM, IgG, IgE or IgA heavy chain. Methods for the *in vitro* diagnosis of a condition associated with an abnormal expression of the repertoire of a given type of Ig heavy chain, and for the *in vitro* follow-up of a treatment of such a condition, are also comprised herein.

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